



## Technical Datasheet

### Double Sided Polyimide Tape RoHS & REACH Compliant PPTDE Series

Double Sided Polyimide Tapes are made of 1 mil generic polyimide film with 1.5 mil of silicone adhesive coating on each side. They are packaged on a 36-yard-long roll with a PET liner on one side. These tapes offer an excellent performance in electrical and thermal insulation and have high dielectric strength. These tapes offer outstanding thermal endurance with excellent puncture and tear resistance.

**APPLICATIONS:** 3D Printing, Aerospace Assembly, Masking Circuit Boards and Coils, Wafer Dicing Die Cutting, Optical, and Solar Panel Manufacturing.

#### TYPICAL PHYSICAL PROPERTIES <sup>(1)</sup>

Color	Amber
Adhesion Type	Silicone
Film Thickness	1 Mil
Adhesive Thickness	1.5 Mil on each side
Total Thickness	4 Mil
Tensile Strength	30 lbs./in.
Liner	PET (Polyethylene)
Elongation	55 %
Dielectric Strength	6,200 volts
Operating Temperature	-73°C (-99°F) - 260°C (500°F)
Length	36 Yards
Resistance to acids, oils, solvents	Excellent

<sup>(1)</sup> Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.